

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/500,447B  
Source: IFWQ  
Date Processed by STIC: 4/7/06

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 04/07/2006

PATENT APPLICATION: US/10/500,447B

TIME: 08:35:11

Input Set : A:\26208\_seq\_list.txt

Output Set: N:\CRF4\04072006\J500447B.raw

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3 <110> APPLICANT: PARK, Hee-Sung
5 <120> TITLE OF INVENTION: Method for producing a recombinant protein using pollen
7 <130> FILE REFERENCE: YLOP040518US/PCT
9 <140> CURRENT APPLICATION NUMBER: 10/500,447B
10 <141> CURRENT FILING DATE: 2004-06-30
12 <150> PRIOR APPLICATION NUMBER: KR 2001-71712
13 <151> PRIOR FILING DATE: 2001-11-19
15 <160> NUMBER OF SEQ ID NOS: 6
17 <170> SOFTWARE: PatentIn version 3.3
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 24
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial
24 <220> FEATURE:
25 <223> OTHER INFORMATION: Oligonucleotide as a forward primer for amplifying urease B
gene
26         using PCR method
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29 atcctagaat gaaaaagatt agca                                24
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33 <211> LENGTH: 24
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Oligonucleotide as a backward primer for amplifying urease B
gene
39         using PCR method
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45 <210> SEQ ID NO: 3
46 <211> LENGTH: 25
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Oligonucleotide as a forward primer for amplifying tissue
52         plasminogen activator using PCR method
54 <400> SEQUENCE: 3
55 aatctagaca tggatgcaat gaaga                                25
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 26
60 <212> TYPE: DNA
61 <213> ORGANISM: Artificial
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Oligonucleotide as a backward primer for amplifying tissue

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65 plasminogen activator using PCR method

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67 <400> SEQUENCE: 4
68 atgatctctg gtcacggtcg catggt                26
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72 <211> LENGTH: 1710
73 <212> TYPE: DNA
74 <213> ORGANISM: Helicobacter pylori
76 <400> SEQUENCE: 5
77 atgaaaaaga ttagcagaaa agaatatggt tctatgtatg gccctactac aggcgataaa    60
79 gtgagattgg gcgatacaga cttgatcgct gaagtagaac atgactacac catttatggc    120
81 gaagagctta aattcggcgg tggtaaaacc ctaagagaag gcatgagcca atctaacaac    180
83 cctagcaaag aagaactgga tctaatacat actaacgctt taatcgtgga ttacaccggt    240
85 atttataaag cggatatggg tattaagaat ggcaaaatcg ctggcattgg taaaggcggg    300
87 aacaaagaca tgcaagatgg cgtaaaaaac aatcttagcg tgggtcctgc tactgaagcc    360
89 ttagccgggtg aagggtttgat cgtaactgct ggtgggtattg acacacacat ccacttcac    420
91 tccccccaac aaatccctac agcttttgca agcgggtgta caacgatgat tgggtggcga    480
93 actggccctg ctgatggcac taacgcaacc actatcactc caggtagaag aaatttaaaa    540
95 tggatgctca gagcggcaga agaataattt atgaacttaa gtttcttagc taaaggtaac    600
97 gcttctaacg atgcaagctt agccgatcaa attgaagccg gtgcgattgg ctttaaaatc    660
99 cacgaagact ggggcaccac tccttctgca atcaatcatg cgttagatgt tgcggacaaa    720
101 tacgatgtgc aagtcgctat ccacacagac actttgaatg aagccgggttg tgtagaagac    780
103 actatggcag ccattgccgg acgcactatg cacactttcc acactgaagg cgctgggtggc    840
105 ggacacgctc ctgatattat taaagtagct ggtgaacaca acattctgcc cgcttccact    900
107 aacccccacta tccctttcac tgtgaataca gaagcagaac acatggacat gcttatgggtg    960
109 tgccaccact tggataaaag cattaagaa gaatgttcagt tcgctgattc aaggatccgc    1020
111 cctcaaacta ttgcggctga agacactttg catgacatgg ggattttctc aatcaccagt    1080
113 tctgactctc aagctatggg tcgtgtgggt gaagttatca ccagaacttg gcaaacagct    1140
115 gacaaaaaca aaaaagaatt tggccgcttg aaagaagaaa aaggcgataa cgacaacttc    1200
117 aggatcaaac gctacttgct taaatacacc attaacccag cgatcgctca tgggattagc    1260
119 gagtatgtag gttctgtaga agtgggcaaa gtggctgact tgggtgttggt gagtcccga    1320
121 ttctttggcg tgaaccctaa catgatcatc aaaggcggat tcattgcatt gagtcaaatg    1380
123 ggtgatgcga acgcttctat cctacccca caaccgggtt attatagaga aatgttcgct    1440
125 catcatggta aagctaaata cgatgcaaac atcacttttg tgtctcaagc ggcttatgac    1500
127 aaaggcatta aagaagaatt agggcttgaa aggcgaagtgt tgccggtaaa aaattgcaga    1560
129 aacatcacta aaaaagacat gcaattcaac gacactaccg ctacattga agtcaatcct    1620
131 gaaacttacc atgtgttcgt ggatggcaaa gaagtaactt ctaaaccagc caataaagtg    1680
133 agcttggcac aactctttag cattttctag                1710
136 <210> SEQ ID NO: 6
137 <211> LENGTH: 2280
138 <212> TYPE: DNA
139 <213> ORGANISM: Homo sapiens
141 <400> SEQUENCE: 6
142 ggagtccagg gctggagaga aaacctctgc gaggaaggag aaggagcaag ccgtgaattt    60
144 aaggagcgtc gtgaagcaat catggatgca atgaagagag ggctctgctg tgtgctgctg    120
146 ctgtgtggag cagtcttcgt ttgcgccagc caggaaatcc atgcccgatt cagaagagga    180
148 gccagatctt accaagtgat ctgcagagat gaaaaaacgc agatgatata ccagcaacat    240
150 cagtcattggc tgcgccctgt gctcagaagc aaccgggtgg aatattgctg gtgcaacagt    300
152 ggcagggcac agtgccactc agtgccctgc aaaagttgca gcgagccaag gtgtttcaac    360
154 gggggcacct gccagcaggc cctgtacttc tcagatttcg tgtgccagtg ccccgaggga    420
156 tttgctggga agtgctgtga aatagatacc agggccacgt gctacgagga ccagggcac    480

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|     |             |             |            |             |             |            |      |
|-----|-------------|-------------|------------|-------------|-------------|------------|------|
| 158 | agctacaggg  | gcacgtggag  | cacagcggag | agtggcgccg  | agtgcaccaa  | ctggaacagc | 540  |
| 160 | agcgcgttgg  | cccagaagcc  | ctacagcggg | cggaggccag  | atgccatcag  | gctgggcctg | 600  |
| 162 | gggaaccaca  | actactgcag  | aaaccagat  | cgagactcaa  | agccctgggtg | ctacgtcttt | 660  |
| 164 | aaggcgggga  | agtacagctc  | agagttctgc | agcaccctg   | cctgctctga  | gggaaacagt | 720  |
| 166 | gactgctact  | ttgggaatgg  | gtcagcctac | cgtggcacgc  | acagcctcac  | cgagtcgggt | 780  |
| 168 | gcctcctgcc  | tcccggtgaa  | ttccatgata | ctgataggca  | aggtttacac  | agcacagaac | 840  |
| 170 | cccagtcccc  | aggcactggg  | cctgggcaaa | cataattact  | gccggaatcc  | tgatggggat | 900  |
| 172 | gccaagccct  | ggtgccacgt  | gctgaagaac | cgcaggctga  | cgtgggagta  | ctgtgatgtg | 960  |
| 174 | ccctcctgct  | ccacctgcgg  | cctgagacag | tacagccagc  | ctcagtttcg  | catcaaagga | 1020 |
| 176 | gggctcttcg  | ccgacatcgc  | ctcccacccc | tggcaggctg  | ccatctttgc  | caagcacagg | 1080 |
| 178 | aggtcgcccc  | gagagcgggt  | cctgtgcggg | ggcatactca  | tcagctcctg  | ctggattctc | 1140 |
| 180 | tctgccgccc  | actgcttcca  | ggagaggttt | ccgccccacc  | acctgacggt  | gatcttgggc | 1200 |
| 182 | agaacatacc  | gggtgggtccc | tggcgaggag | gagcagaaat  | ttgaagtcca  | aaaatacatt | 1260 |
| 184 | gtccataagg  | aattcgatga  | tgacacttac | gacaatgaca  | ttgcgctgct  | gcagctgaaa | 1320 |
| 186 | tcggattcgt  | cccgtgtgct  | ccaggagagc | agcgtgggtc  | gcactgtgtg  | ccttcccccg | 1380 |
| 188 | gcggaacctgc | agctgccgga  | ctggacggag | tgtgagctct  | ccggctacgg  | caagcatgag | 1440 |
| 190 | gccttgtctc  | ctttctattc  | ggagcggctg | aaggaggctc  | atgtcagact  | gtacccatcc | 1500 |
| 192 | agccgctgca  | catcacaaca  | tttacttaac | agaacagtca  | ccgacaacat  | gctgtgtgct | 1560 |
| 194 | ggagacactc  | ggagcggcgg  | gccccaggca | aacttgacag  | acgcctgcca  | gggcgattcg | 1620 |
| 196 | ggaggccccc  | tggtgtgtct  | gaacgatggc | cgcattgactt | tggtgggcat  | catcagctgg | 1680 |
| 198 | ggcctgggct  | gtggacagaa  | ggatgtcccc | ggtgtgtaca  | ccaaggttac  | caactaccta | 1740 |
| 200 | gactggattc  | gtgacaacat  | gcgaccgtga | ccaggaacac  | ccgactcctc  | aaaagcaaat | 1800 |
| 202 | gagatccccg  | ctcttcttct  | tcagaagaca | ctgcaaaggc  | gcagtgcctc  | tctacagact | 1860 |
| 204 | tctccagacc  | caccacaccg  | cagaagcggg | acgagaccct  | acaggagagg  | gaagagtgca | 1920 |
| 206 | ttttcccaga  | tacttcccat  | tttggaagtt | ttcaggactt  | ggtctgattt  | caggatactc | 1980 |
| 208 | tgtcagatgg  | gaagacatga  | atgcacacta | gcctctccag  | gaatgcctcc  | tccttgggca | 2040 |
| 210 | gaaagtggcc  | atgccaccct  | gttttcagct | aaagcccaac  | ctcctgacct  | gtcaccgtga | 2100 |
| 212 | gcagcttttg  | aaacaggacc  | acaaaaatga | aagcatgtct  | caatagttaa  | agataacaag | 2160 |
| 214 | atcttttcagg | aaagacggat  | tgcattagaa | atagacagta  | tatttatagt  | cacaagagcc | 2220 |
| 216 | cagcagggcc  | tcaaagttag  | ggcaggctgg | ctggcccgtc  | atgttctcta  | aaagcacctc | 2280 |

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 04/07/2006  
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4

VERIFICATION SUMMARY

DATE: 04/07/2006

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TIME: 08:35:12

Input Set : A:\26208\_seq\_list.txt

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